

Attorney's Docket:
017575.0565 (TAMUS 1694)

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PATENT
USSN 10/051,554

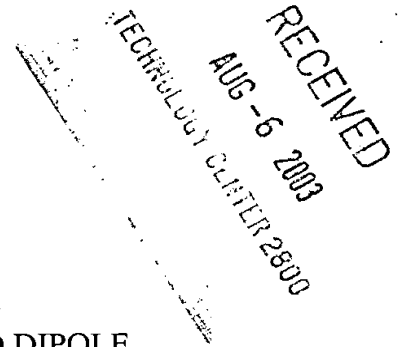
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of: Malcolm J. Andrews, et al.
Serial No.: 10/051,554 ✓
Date Filed: January 17, 2002
Group Art Unit: 2826
Title: METHOD AND SYSTEM FOR STRONG
INFORMATION USING NANO-PINNED DIPOLE
MAGNETIC VORTICES IN SUPERCONDUCTING
MATERIALS



Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Willie Jiles
Willie Jiles

INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified patent application. Copies of the references are enclosed for the convenience of the Examiner. No representation is made that a search has been made, that the references are material to the patentability of the present application, or that the references qualify as prior art.

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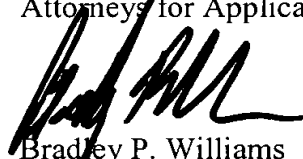
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180.00 OP

Attached is a check in the amount of \$180.00 to cover the required filing fee. No additional fees are believed to be due. However, if any additional fee is required, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker & Botts, L.L.P.

Respectfully submitted,

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PTO-1449 Information Disclosure Citation in an Application	Application No. 10/051,554	Applicant(s) Andrews, et al.	
	Docket Number 017575.0565	Group Art Unit 2826	Filing Date 01/17/02

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	5,079,219	01/07/92	Barnes	505	1	12/22/89
	B						
	C						
	D						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	E							
	F							
	G							
	H							

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	I	B. Binnig, M. Despont, U. Drechsler, W. Häberle, M. Lutwyche, P. Vettiger, H.J. Mamin, B.W. Chui and T.W. Kenny (1999) Appl. Phys. Lett. 74, 1329-1331	03/01/99
	J	Kambe, Guo, et al., 1998, "Effect of pressing and Li-doping on superconducting..." J. of Supercon. Sci. Tech. v. 11, p. 1061	02/02/98
	K	Majetich, S.A., and Jin, Y., (1999) "Magnetization Directions of Individual Nanoparticles" Science 284, pp. 470-473	12/15/98
	L	A. Moser, H. J. Hug, I. Parashikov, B. Stiefel, O. Fritz, H. Thomas, A. Baratoff, H.-J. Güntherodt and P. Chaudhari (1995) "OBservation of Single Vortices Condensed into a Vortex-Glass Phase by Magnetic Force Microscopy," Phys. Rev. Lett. 74 1947	03/06/95
	M	S. L. Tomlinson, A. N. Farley, S. R. Hoon and M. S. Valera (1996) "Interactions between soft magnetic samples and MFM tips," J. Magnetism and Magn. Mater. 157/158, pp. 557-558	1996
	N	M. Yavuz, A. Ertekin, T. O'Brien, P. McIntyre, R. Soika, K. D. D. Rathnayaka, D. G. Naugle, and T. Hartwig (2001). Solid Solubility of Bi-Pb-Sr-Ca-Mn-O in Bi-Pb-Sr-Ca-Mn-O Superconductors. IEEE Transactions on Applied Superconductivity, vol. 11, no. 1, pp. 3446-3448	2001
	O	M. Yavuz, P. McIntyre, R. Soika, D.G. Naugle, and H. Faqir (2000). "Effect of V-doping in Bi-Pb-Sr-Ca-Cu-O Superconductor Composites," Physica C, vol. 341-348 (1-4), pp. 661-662	March 2001
	P	C. W. Yuan, Z. Zheng, A. L. de Lozanne, M. Tortonese, D. A. Rudman, and J. N. Eckstein (1996) "Vortex images in thin films of YBa ₂ Cu ₃ O _{7-x} and Bi ₂ Sr ₂ Ca ₁ Cu ₂ O _{8+x} obtained by low-temperature magnetic force microscopy," J. Vac. Sci. Tech B 14, 1210-1213	Mar/Apr 1996

EXAMINER:

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.